

Claims

1. A clamping strap (8) for joining two pipe ends, said clamping strap presenting a shape corresponding to the circumference of the two pipe ends, and where the
5 clamping strap includes a first web member (1) extending parallel to the pipe walls (12, 13), a second web member (2) extending from each side of the first web member (1) and inwards towards the pipe walls, a compressible sealing band (4) arranged on the inner side of the first web member (1) between the two second web members (2) and of a width substantially corresponding to the width of the first web member
10 (1), when seen in use in a cross-sectional direction through the central axis of the pipes (10, 11), **characterised in** that a third web member (3) extends from the innermost end of each of the second web members (2) and parallel to the pipe walls (12, 13).
- 15 2. A clamping strap according to claim 1, **characterised in** that it is made as a continuous, flexible strap with two clamping strap ends interconnected by means of a single tightening means (20), said tightening means allowing the clamping strap (8) to be clamped about the pipe ends.
- 20 3. A clamping strap according to claim 1 or 2, **characterised in** that the third web members (3) are of a width of at least 5 mm measured in the longitudinal direction of the pipes.
4. A clamping strap according to one of the preceding claims, **characterised in**
25 that the sealing band (4) is made of a woven fibre glass material.
5. A clamping strap according to one of the preceding claims, **characterised in** that it is cylindrical.
- 30 6. A pipe end joint where two pipe ends are provided with a bead (9) extending radially outwards from the outer side of the pipe walls (12, 3), and where a clamping

strap (8) according to one of the claims 1 to 5 is clamped about the pipe ends in such a manner that the beads (9) are arranged between the two second web members (2), and where the third web members (3) abut the outer side of said pipe ends (12, 13).

5 7. A pipe end joint according to claim 6, **characterised in** that the beads (9) of one or of both pipe ends are provided by way of folding.

8. A pipe end joint according to claim 7, **characterised in** that the folding is provided by folding the end of the pipe wall (12, 13) together with an end plate (14, 15)
10 extending substantially perpendicular to the central axis of the pipe.

9. An exhaust system for vehicles including a tubular inlet module (28), a tubular emission treatment module (10) with for instance a particle filter or a catalyst, and a tubular outlet module (11), **characterised in** that the emission treatment module
15 (10) is joined at both ends to the inlet module (28) and the outlet module (11), respectively, by means of a clamping strap (8) according to one of the claims 1 to 5.

10. An exhaust system according to claim 8, **characterised in** that the emission treatment module (10) is joined at one or both ends with the inlet module (28) and
20 the outlet module (11), respectively, by means of a pipe end joint according to one of the claims 6 to 8.